

ABSTRACT

The invention relates to a non-aqueous electrochemical apparatus in which the difference ($\gamma_l - \gamma_{se}$) between the surface tension γ_l of non-aqueous electrolyte and the surface free energy γ_{se} of electrode is not more than 10 dynes/cm.

1. A non-aqueous electrochemical apparatus comprising an electrode and a non-aqueous electrolyte, wherein the difference between the surface tension of the non-aqueous electrolyte and the surface free energy of the electrode is not more than 10 dynes/cm.